## ABSTRACT

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The invention relates to a method for recognizing and determining GnRH receptors on abnormal cells of a tumour originating in the brain and/or nervous system and/or the meninges and/or on Kaposi sarcoma. The invention also relates to the preparation of diagnostic kits for tumours originating in the brain and/or nervous system and/or the meninges and/or for Kaposi sarcoma. The invention further relates to the use of GnRH agonists and GnRH antagonists and/or other ligands for GnRH receptors for producing medicinal drugs for the treatment of tumours originating in the brain and/or nervous system and/or the meninges and/or for the treatment of Kaposi sarcoma.